her	ISBN	- 00788005	52	Publisher -	Gle	ncoe/M	cGraw-H	lill			7
Provided by the Publisher	Glencoe Biology, Kentucky Edition										
the P	Type - P1 Author - Biggs			ggs, et al	s, et al				3		
ed by	Copyright - 2008 Edition - 1s		t	Readability -		bility -	1120 Lexile				
ovide-	Cours	Course - Biology Grac			Grade(	e(s) - 9,10,11,12					
₫	Teach	ner Edition ISBN	N if applicable						00787	97381	9
Overall Recommendation:      Recommended as Basal							_				
This is a very comprhenisve biology text. The content included in the basal more than covers the Kentucky Progam of Studeis with the exception of noted areas. The basal incoporates numerous images, diagrams, pictures, graphs, etc. in the basal to enhance student learning. The assessments include include variable formats of questions which may be used for instruction by the teacher.											
CRITERIA This basal resource  A. Encompasses KY Content Standards & Grade Level											
1	A. Enc	compasses KY	Content Sta		ade Le		•				
ļ		compasses KY pectations	Content Sta		ade Le		·	☐ Modera	Evidenc ate Evide r No Evid	ence	
1		pectations	Content Sta	ndards & Gra		evel		☐ Modera	ate Evide r No Evi	ence dence	
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-	1) Inc a) b)	Text is declared to the Text i	lesigned to be g Ideas of sc Transformation orces I the Universe	ndards & Grant was element to the son of Matter	lective	evel	outside	Modera Little o  the Program  g Modera	of Studiente Litt	ence dence es le  N/A le  N/A	
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4	1) Inc a) b) c) d)	Text is declared to the Earth and Unity and Diverse	lesigned to be g Ideas of sc Transformation proces d the Universe ersity ange	ndards & Grant was element to the son of Matter	lective	evel	outside · ent: Stron Stron Stron Stron	Modera Little o  the Program  g Modera  g Modera  g Modera  g Modera	of Studie  of Studie  te   Little	es N/A le N/A le N/A le N/A	
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-	1) Inc a) b) c) d) e) f) g) 2) Add	Text is declared by the Farth and Unity and Diversity Energy Transf	lesigned to be g Ideas of sc Transformation orces d the Universe ersity ange formation oce	ndards & Grant was elemented to the control of Matter	follow	e course	outside	Modera Little o  the Program  g Modera  g Modera	of Studie  of Studie  te   Little  te   Little	ence dence es  le N/A le N/A le N/A le N/A le N/A le N/A	

the related Program of Studies standards.				
Content addressed is current, relevant and non- trivial	Strong ☐ Moderate ☐ Little ☐ N/A			
5) Provides opportunities for critical thinking/reasoning	Strong ☐ Moderate ☐ Little ☐ N/A			
<ul> <li>6) Strengths, Weaknesses, Comments:</li> <li>Specific strengths-which areas/concepts are covered exceptionally well?</li> <li>Specific weaknesses-which areas/concepts would likely require supplementing?</li> </ul>				
Geologic time and relative dating discussed in Earth and Universe Component. Many end of chapter investigations are in a "design your own" format allowing for more authentic type inquiry. Photosynthesis and cellular respiration, while covered, no apparent connections are made to the "big picture."				
B. Functionality & Suitability	Strong Evidence Moderate Evidence Little or No Evidence			
1) Suitability	Strong ☐ Moderate ☐ Little ☐ N/A			
<ul> <li>Should be suitable for use with a diverse population and ethnicity, gender, religion, social and/or geographic envany kind.</li> </ul>				
2) Content quality	Strong ☐ Moderate ☐ Little ☐ N/A			
<ul> <li>Free from factual errors</li> <li>Content is presented conceptually when possible—mor</li> <li>Content included accurately represents the knowledge</li> <li>Theories/scientific models contained represent a broad</li> </ul>	base of the discipline			
3) Connections to Literacy Note: may apply to either student or teacher editions				
<ul> <li>Employs a variety of reading levels and is grade/level a</li> <li>Contains pre, during, post reading activities</li> <li>Provides opportunities for summarizing, reviewing, and at multiple levels of difficulty for a variety of learning sty</li> <li>Student text provides opportunity to integrate reading a</li> <li>Uses vocabulary that is age and content appropriate</li> <li>Focuses on critical vocabulary vs. extensive lists</li> <li>Identifies key vocabulary through definitions in both text</li> <li>Engaging text- does the text facilitate learning?</li> <li>Does understanding the text require having performed to</li> </ul>	reinforcing vocabulary skills and concepts les. nd writing t and glossary			
4) Connections to Technology				

• Integrates technology and reflects the impact of technological advances

•	Uses technology in the collection and/or manipulation of authentic data				
5) Si	upport for Diverse Learners	Strong			
	<ul> <li>Provides support for ESL students</li> <li>Provides support for differentiation of instruction in diverse classrooms Note: may apply only to teacher edition</li> </ul>				
	<ul> <li>6) Strengths, Weaknesses, Comments:</li> <li>Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.</li> </ul>				
There are numerous references for web interaction to enhance student learning; i.e., interactive graphs, film clips, etc. Numerous technology resources such as Video Labs, Teacher Works, Virtual Labs, etc., are available on CDs and listed as ancillary materials					
C. Su	pports Inquiry and Skill Development	Strong Evidence Moderate Evidence Little or No Evidence			
1) Pı	romotes Inquiry, research and Application of Learning	Strong			
•	<ul> <li>topics, formulating authentic questions, gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions.</li> <li>Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, etc.)</li> <li>Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.</li> <li>Provides opportunities for application of learned concepts.</li> </ul>				
2) SI	kill Development	Strong			
•	<ul> <li>Provides opportunities for critical thinking and reasoning (analyze arguments, distinguish fact/opinion, recognize bias)</li> <li>Provides opportunities to examine a range of types of evidence</li> </ul>				
3) Strengths, Weaknesses, Comments:					
Many of the end of chapter investigations are inquiry based having the students					

desing their own experiement around a particular question. There are many opportunites embedded throughout chapters allowing for students to analyze data and graphs.				
D. Supports Best Practices of Teaching and Learning	Strong Evidence Moderate Evidence Little or No Evidence			
1) Engages Students				
<ul> <li>Includes content geared to the needs, interests, and abilities of students</li> <li>Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.</li> <li>Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences</li> <li>Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels</li> <li>Activities are truly congruent to the concepts addressed, not merely correlated <i>Note: may apply to either teacher or student edition</i></li> </ul>				
2) Uses Assessment to Inform Instruction	Strong			
<ul> <li>Includes multiple means of assessment as an integral part of instruction</li> <li>Provides evaluation measures in the teacher edition that supports differentiated learning activities</li> <li>Embedded assessments reflect a variety of Depth of Knowledge levels Note: may apply to either teacher or student edition</li> </ul>				
<ul> <li>Strengths, Weaknesses, Comments:</li> <li>Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards</li> </ul>				
There are assessment questions at the end of each section along with end of chapter assessments which include multiple formats of questions in addition to a "Standardized Test Practice" section.				
E. Has an Organization/ Format that Supports Learning and Teaching	<ul><li>Strong Evidence</li><li>Moderate Evidence</li><li>Little or No Evidence</li></ul>			
1) Organizational Quality	Strong			
Print and/or electronic materials present minimal harriers to learn	noro			

- Print and/or electronic materials present minimal barriers to learners
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.

- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size

Included media are durable, easy to use and have technical merit

Construction appears to be durable and able to withstand normal use

	Construction appears to be durable and able to withstand normal use				
2	Essential Components (beyond student and teacher text)	Strong			
	Items identified as essential components support the learning go basal	oals and concept coverage of the			
3	<ul> <li>3) Strengths, Weaknesses, Comments:</li> <li>Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.</li> </ul>				
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F.	Has available Ancillary/ Gratis Materials  Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F	Strong Evidence     Moderate Evidence     Little or No Evidence			

#### 1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- · Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving

#### 2) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

There are numerous supporting materials on the ancillary list which can serve as additional resources for strategies and ideas; see ancillary list.